Substitu	te for form 1449A/PTC)		c	mpl t if Known
				Application Number	T
INF	DRMATION	DISC	LOSURE	Filing Date	January 28, 2004
STA	TEMENT B	Y AP	PLICANT	First Named Inventor	Sinclair
				Group Art Unit	
	(use as many she	ets as ne	cessary)	Examiner Name	
Sheet	1 .	of	3	Attorney Docket Number	MS1-1814US

			U.S. PATENT DOCI	JMENTS	
Examiner Cite Initials No.1		U.S. Patent Document Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
後十		5,272,470	Zetts	12-21-1993	
1		5,568,536	Tiller et al.	10-22-1996	
		5.590.373	Whitley et al.	12-31-1996	
		5,619,684	Goodwin et al.	04-08-1997	
		5,757,361	Hirshik	05-26-1998	
		5.805.138	Brawne et al.	09-08-1998	
		5,835,080	Beeteson et al.	11-10-1998	
		5.874.955	Rogowitz et al.	02-23-1999	
		5.909.211	Combs et al.	06-01-1999	
		5,936,614	An et al.	08-10-1999	
		6,088,805	Davis et al.	06-11-2000	
		6.141.754	Chov	10-31-2000	
		6.233.576B1	Lewis	05-15-2001	
		6,259,043B1	Clary et al.	07-10-2001	
		6.262,718B1	Findlay et al.	07-17-2001	
		6,292,904B1	Broomhall et al.	09-18-2001	
		6,308,173B1	Glasser et al.	10-23-2001	
		6.351.748B1	Deen et al.	02-26-2002	
		6,381,602B1	Shoroff et al.	04-30-2002	
4		6,412,070B1	Van Dyke et al.	06-25-2002	

				FORE	IGN PATENT DOCUMEN	rs		
Examiner Cite Initials* No.1		oreign Patent Do	cument	Name of Patentee or	Date of Publication of	Pages, Columns, Lines,	T	
		Office ³	Number	Kind Code ⁵ (if known)	Applicant of Cited Document	Cited Document MM-DD-YYYY	Where Relevant Pessages or Relevant Figures Appear	T6
						·		
								7
								
					···			
		1 1				1		

Examiner 1	/ \/ \ \ \/ \	Date	
CXBITILIEI 5	Ha V/I	1 Date	16-1-
Signature / few	1 TEM//TEM	I Considered I	4/12/01
Congression D y Do	∪ <i>V()</i> ·		9,7,01

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the Individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Oraw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁶ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁸ Applicant is to place a check mark here if English language Translation is attached.

Please type a plus sign (+) inside this box ->	

6)) ;

Substit	ute for form 1449B/PTC)		Co	omplet if Known	
				Application Number		
INF	ORMATION	1 C	ISCLOSURE	Filing Date	January 28, 2004	
STA	TEMENT I	3 Y	APPLICANT	First Named Inventor	Sinclair	
• • • •		•	/ ((Group Art Unit		
	(use as many s	heet	's as necessary)	Examiner Name		
Sheet	2	of	3	Attorney Docket Number	MS1-1814US	

		NON PATENT LITERATURE DOCUMENTS	
Examiner initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T2
56H		"Touch -Sensitive Overlay with Tactile Feedback", IBM Disclosure Bulletin, pp. 761-763, Vol. 29, No. 2, July 1986.	
		McMath, et al., "High Sampling Resolution Tactile Sensor for Object Recognition", IEEE Instrumentation and Measurement Technology Conference, pp. 579-583, Vol. 29, No. 2, May 18-20, 1993.	
		Yeung et al., "High Sampling Resolution Tactile Sensor for Object Recognition", IEEE Transactions on Instrumentation and Measurement Conference, pp. 277-282, Vol. 43, No. 2, April 1994.	
		Timothy Griffin, "Haptic Feedback in Button Technologies: A Guide for Industrial Designers", http://tlm.griffins.ca/writings/haptic_tech_body.html; pp. 1-47, April 14, 1999.	
		"Automated HomeThe Hows, Wheres and Whys of HA in the UK (Est. 1996)", www.automatedhome.co.uk, PDA-ir Review, pp. 1-8, May 24, 2002.	
		Gerovichev et al., "The Effect of Visual and Haptic Feedback on Manual and teleoperated Needle Insertion", Lecture Notes in Computer Science, Proceedings Part 1, pp. 147-154, Vol. 2488, September 25-28, 2002.	
		"TV Remote Controller 5.5 (voice operated) - reduced price!", www.pdawin.com/tvremote.html, pp. 1-4, August 2003.	
		"SoftFlow Version 3.0-Appliation Programming Manual", Delta Systems, Inc., www.delta-systems-inc.com, Stone Ridge Publishing, Inc., pp. 1-8, August 2003.	
4		S.D. Laycock and A.M. Day, "Recent Developments and Applications of Haptic Devices", Computer Graphics Forum, EG Eurographics Digital Library, pp. 117-132, Vol. 22, No. 2, 2003.	
		·	

Examiner Signature	Walf	Date Considered	6/22/07

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

lease	type	8	plus	sign	(+)	inside	this	box	→	

4 7 10

Substitute	for form 1449A	/PTO		С	ompl t if Kn wn	
	D			Application Number	T	
			CLOSURE	Filing Date	January 28, 2004	
STAT	EMENT	BYA	PPLICANT	First Named Inventor	Sinclair	
				Group Art Unit		
{(use as many	sheets as i	necessary)	Examiner Name		
Sheet	3	of	3	Attorney Docket Number	MS1-1814US	

		-		U.S. PATENT DOC	JMENTS	
Examiner Initials	Cite No.1	U.S. Patent 0	Cocument Kind Code ¹ (Il known)	Name of Patentee or Applicant	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
364		6,446,206B1		Feldbaum	09-03-2002	- Iganaa yappaa
		6,449,633B1		Van et al.	09-10-2002	
		6,473,103B1		Bailey et al.	10-29-2002	
		6,513,721B1		Salmre et al.	02-04-2003	
		6,581,099B1		Deen et al.	06-17-2003	
4		6.609.199B1		DeTreville	08-19-2003	
		<u> </u>				
		ļ				
		L				
		<u> </u>				
		ļ				
		ļ	\dashv			
		ļ				
		1				

				FORE	IGN PATENT DOCUMENT	rs		
Examiner	Cite	F	oreign Patent Do	cument	Name of Patentee or	Date of Publication of	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
	No.1	Office ³	Number ⁴	Kind Code ^s (if known)	Applicant of Cited Document	Cited Document MM-DD-YYYY		T ⁶
			_					
					•			
								Γ_{-}
		1						T

	Λ,	AND
Examiner Signature	Yfalfa	Date Considered 6/22/07

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Sheet

PTO/SB/08A (08-03)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Petent and Tradement Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Complete if Known Substitute for form 1449/PTO Application Number 10/767,291 Filing Date 1/28/2004 INFORMATION DISCLOSURE

STATEMENT BY APPLICANT

First Named Inventor Michael J. Sinclair Art Unit 3713 Examiner Name Joe H. Cheng MS1-1814US Attorney Docket Number

				DOCUMENTS	
tritists*	Cite No.	Document Number Number-Kind Godo***	Publication Date MM-DD-YYYY	Name of Palentee or Applicant of Cloud Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Apposit
56H		US- 2003/0134256-A1	07/17/2003	Tretlakoff et al.	
3 4 .	 	US- 4,333,092	06/01/1982	Field	
	 	US- 4,408,998	09/27/1983	Willough	
		us- 5,086,287	02/04/1992	Nutzel	
		^{US-} 5,154,614	10/13/1992	Matsuoka et al.	•
		US- 5,165,897	11/24/1992	Johnson	
		US- 5,186,629	02/16/1993	Rohen	
		^{U8-} 5,233,333	08/03/1993	Borsuk	
_		US- 5,412,189	05/02/1995	Cragun	
		^{US-} 5,680,254	12/03/1996	Ramsey	·
		US- 5,588,839	12/31/1996	Shimoda	
		US- 5,748,177	05/05/1998	Baker et al.	
		^{US-} 5,810,597	09/22/1998	Allen, Jr. et al.	
		US. 5,920,303	07/06/1999	Baker et al.	
		∪s- 5,989,099	11/23/1999	Amold, III et al.	
		US- 6,042,383	03/28/2000	Herron	
		^{US-} 8,059,575	05/09/2000	Murphy	
		^{ŲS-} 6,162,059	12/19/2000	Murphy et al.	
4		US-6,217,338 -B1	04/17/2001	Tieman	

Pesseggs	Where Relevant Passages	Pages, Columns, Lines, Where Relevant Passages	HENTS Name of Patentee or Applicant of Cited Document		Publication Date		Foreign Patent Document	Cite	Examiner Cite
ires Appear	Or Relevant Figures Appe	Or Relev			MM-DD-YYYY	Code [®] (# knowm)	Country Code**Number************************************		
									
		<u> </u>							
·					<u>. </u>	· · · · · · · · · · · · · · · · · · ·			
_								<u>.</u>	

Examinar Signature	Dem	Volla	Considered Considered	6/22/07

"EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 608. Draw line through citation if his in conformance and not considered, include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). *See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. *Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). *For Japeness patent document, the traceotion of the year of the reign of the Emperor must precede the serial number of the petent document. *Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.18 if possible. *Applicant is to place a check mark here if English language Translation is attached.

Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for restuding this burden, should be sent to the Chief Information Officer, U.S. Petern and Tredement Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEMD FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1459.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

PTO/SB/08A (08-03)

Under	the Paperwork Reduction	n Act of	1895, no per	eans are required to	U.S. Potent and Trade	mark Office; U.S	i. DEPARTMENT OF COMMERCI
Substitute for form 1449/PTO		Complete if Known					
		Application Number	10/767,29)1			
INFORMATION DISCLOSURE			Filing Date	1/28/2004			
STATEMENT BY APPLICANT		First Named Inventor	Michael J	. Sinclair .			
		Art Unit	3173				
(Use as many sheets as necessary)			Examinar Name	Joe H. Ch	eng		
Sheet	2	of	2		Allomey Docket Number	MS1-	1814US

Examiner Initials*	Cits No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pagas, Columns, Lines, When Relevant Passagas or Releva	
			Number-Kind Code ^{2 (Florated}			Figures Appear
5610		us- 6,287,598-B1	07/31/2001	Allen, Jr. et al.		
1		^{US-} 6,278,944-B1	08/21/2001	Lui et al.		
		^{US-} 6,292,713-B1	09/18/2001	Jouppi et al.		
	•	^{US-} 6,320,496-B1	11/20/2001	Sokoler et al.		
		^{US-} 6,357,940-B1	03/19/2002	Murphy		
4		^{US-} 6,384,743-B1	05/07/2002	Vanderheiden		
		US-				
		Us-				
		US-				
***********		U\$-				
		US-				
		US-				
		na-		·		
	1	US-	···		· ·	
		Ü8-			•	
		US-				
		US-				
	1	US-	111	<u> </u>		
	_	US-		<u> </u>	<u> </u>	

		FORE	IGN PATENT DOCU	MENTS		
Examiner Cue	No."	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Peges, Columns, Lines, Where Relevant Passages	Γ
		Country Code ¹ Number ⁴ Kind Code ¹ (# known)	MM-OD-YYYY		Or Rolevant Figures Appear	
						L
		<u> </u>				↓_
					·	Ļ
			ł		ļ	ł

						
Examiner		\sim		Data		
Signature	610			Casaldasas	1 (/20/2-1	
CHI MINISTER CO.	17 Jan	Hall		Considered	1 6/ 24/0 t	
					7 7 7	
EXAMINER	ti untidi il referenci	considered, whether or not ch	letion is in conformance with MPEP 609, Dree	w line through	cliation if not in conformance as	20

"EXAMINER: Until if reference considered, whether or not citation is in conformance with MPEP 609, Drew line intrough clusten if not in conformance and not considered, include copy of this form with next communication to applicant. "Applicant's unique citation designation number (optional). "See Kinds Codes of USPTO Patent Documents at <u>intercuspionary</u> or MPEP 901.04. "Enter Office that beautor the document, by the two-latter code (WIPO Standard 97.3). If for Japanese patent documents, the indication of the year of the right of the Emperor must precede the sental number of the patent document. "Kind of document by the springing as indicated on the document under WIPO Standard 97.18 if possible. "Applicant to to piace a check mark here if English tenguage Translation is attached."

Translation is ettached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to tite (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including pathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form another suggestions for reducing this burden, should be son! to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. 80x 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. 80x 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.